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U.S. Department of Justice
UNICOR
USP Marion, Illinois



Supervisor: S. Whitecotton, Factory Manager
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RE: Eric Dexter Welch,
USM # 10444-089

Eric Welch has been employed at UNICOR from April of 2011, up to and including the present day. Mr. Welch works in the areas of: (i) Electrical and Electronics Cable Production; (ii) Electrical Technology/Infrastructure Improvement; (iii) Material & Manufacturing Logistics; and (iv) Manpower Planning And Scheduling.

The skills which Mr. Welch uses that enable him to succeed at these positions are listed (but are not limited) to those named below:

1. Awards, and Standards-Proficiency:

- a. ISO 9001/2008 Manufacturing And Inventory Audits (Internal And External)
- b. Microsoft® Office Certified (2010)
- c. MSDS Accountability Enforcement
- d. Quality Assurance Program Testing (Accept/Reject Criteria, Electrical, Drawing Interpretation, QAM ISO, etc.)

2. Electrical Power Distribution

- a. 10KW, 15KVA, & 120KW sizes, built for NAVFAC
- b. 300KW Machine Shop upgrade. Unitized MV Substation-To-480Y/277 Distribution Equipment.

3. Electronics Cable Assembly

- a. Blueprint Reading and Interpretation, To Include But Not Limited To The Following Military Standards:
 - i. A- A-595690
 - ii. CHED- 227, Et Seq.
 - iii. MIL STD 00100, ANSI Y.14, Et Seq.
 - iv. MIS-36552, SC- SA-15110, Et Seq.
- b. Braiding, Sleeving, Boots, And Transitions (Heat-Shrink And Expansion Raw Material)

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- c. Cable Lay, Wrapping, Tying, And Associated Operations For Form, Fit, And Function
- d. Crimping & Pinning (Connectors, Adapters, Housings)
- e. Electromagnetic Shielding, Grounding, And Bonding
- f. Heat-Treated Boot Expansion, Gluing, Sealing, And Testing To Environmental Specs
- g. Mechanical And Thermal Stripping
- h. Soldering (Certified J-STD-001)
Tin, Solder Splices, Solder Sleeves, Turret, Cup, Bifurcated, and J-Hook Soldering

4. Hardware

- a. Settings & Set-Up for Cable and Equipment Interconnect and Procedures
- b. Shelf-Life Calculations
- c. Diagnostic Trouble-shooting, and Repair
- d. CNC machine repair

5. People Skills:

- a. Assertive Communication Skills
- b. Project/Job/Work-Order Leader

6. Educating And Training Entry-Level Electronics Workers